

## AMENDMENTS TO THE SPECIFICATION

**Please amend the paragraph on page 12, line 28, to page 13, line 12, as follows:**

FIG. 8 illustrates one example of the actual results of melting of the region 103 using a focused beam. Over a substrate obtained by depositing chromium of 50 nm thick on a slide glass and then applying collagen to the resulting slide glass, agarose of 50  $\mu\text{m}$   ~~$\mu\text{mm}$~~  thick is laid. A microchamber 81 for cell culture having cavities 801 formed therein by applying a mold of 50  $\mu\text{m}$   $\times$  50  $\mu\text{m}$  to agarose prior to its coagulation is exposed to the focused beam of an Nd:YAG laser 802. By moving the beam while irradiating it to the microchamber, a cavity is formed as shown in the illustration of the substrate 82. After exposure, a tunnel 803 having a diameter of 5  $\mu\text{m}$  is formed as shown in the illustration of the substrate 83. By carrying out similar treatments, a tunnel 804, a tunnel 805 and a tunnel 806 can be made successively as shown in the illustrations of the substrate 84, the substrate 85, and the substrate 86 successively. Moreover, a tunnel 807 connecting the tunnels thus formed can be made as shown in the illustration of the substrate 87.